

Tejas Singhal

College Station, TX • +1 (517) 303-8279 • singhalt@tamu.edu • linkedin.com/in/tejas-singhal • https://github.com/singhaltejas

SKILLS

Programming Languages: Python, C++, JavaScript, Apex, Assembly Language

Tools & Frameworks: AWS, React.js, HTML, CSS, Git, Jira, Ruby on Rails, Flask, Docker, VMware, UiPath

Other: Data Structures and Algorithms, Web Development, Object-Oriented Programming (OOP), Full-Stack Development

EDUCATION

Master of Science - MS in Computer Science

Texas A&M University • College Station, TX • GPA: 4.0

May 2026

Coursework: Machine Learning, Software Engineering, Analysis of Algorithms

Bachelor of Science - BS in Computer Science

Michigan State University • East Lansing, MI • GPA: 3.87

April 2024

Dean's List: Fall 2020 - Fall 2021, Fall 2022 - Spring 2024 Honors College EV Scholars, International Tuition Grant Award And

Presidential Study Abroad Scholarship

WORK EXPERIENCE

RPA Bot Developer Intern

December 2022 - April 2023

Delta Dental of Michigan • Okemos, MI

- Upgraded company's **3 most used UiPath bots** to the latest version, implementing code enhancements including variable integration, dynamic code implementation, and optimization
- Discovered 2 critical errors in 3 key automation bots, resulting in early detection and uninterrupted service for **1000+ customers**
- Implemented variables in GFP (Go Full Page) Bot in 2 days, reducing task completion time by **60%** through understanding other bots and collaborating with a team of 2

Software Engineering Intern

September 2023 - December 2023

United Airlines • East Lansing, MI

- Led a team of 5 to develop a **full-stack** web application integrating **ReactJS, Flask API, AWS, NLP, and Pandas**, while ensuring effective **Git** version control and conducting thorough code reviews
- Automated the auditing process, reducing audit time from 6 hours to under 10 minutes, achieving a **98% efficiency improvement** and significant cost savings
- Collaborated with auditors to enhance UI, resulting in a responsive design that meets industry standards; researched tools, best practices, and regulations to guide the coding phase and mitigate risks

Software Engineering Intern

May 2023 - August 2023

Ascent Cloud • Detroit, MI

- Collaborated as a full stack developer within an **Agile** team of 8 to develop and maintain LevelEleven, a top 5 sales gamification software available on Salesforce
- Delivered an automated email feature using **React, JavaScript, CSS, and Apex** in 3 weeks, **2 months ahead of schedule**, improving user experience and reducing the team's workload
- Developed 5+ **test cases**, simulating diverse usage scenarios and debugging all possible edge cases, ensuring the feature's readiness for customer-facing product release

Undergraduate Learning Assistant for Intro to Programming 1

September 2022 - December 2022

Department of Computer Science at MSU • East Lansing, MI

- Led the weekly computer lab of **40+ students** with 2 teammates using previous computer science knowledge to clarify challenging concepts in the material to improve overall class performance in quizzes and exams
- Guided students from different sections in the help room weekly as well as on online help website to answer questions to get a more in depth understanding of the material

CERTIFICATIONS

AWS Certified Cloud Practitioner

February 2024

Amazon Web Services

Introduction to RPA and Automation

December 2022

UiPath